

U.S. Express Mail No.: EU313733759US  
Attorney Docket No.: AM-5609.D1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION TRANSMITTAL LETTER**

In Re Patent Application Of:  
Robert Z. Bachrach et al.

Application No.: Not Yet Assigned

Filing Date: September 30, 2003

Title: METHOD FOR CHEMICAL-MECHANICAL  
JET ETCHING OF SEMICONDUCTOR  
STRUCTURES

Art Group: 1763  
(Parent Application)

Examiner: S. MacArthur  
(Parent Application)

Attorney Docket No.:  
AM-5609.D1

September 30, 2003

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10  
"U.S. EXPRESS MAIL" MAILING LABEL NUMBER: EU313733759US  
DATE OF DEPOSIT: September 30, 2003

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 having the MAILING LABEL NUMBER referenced above, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the DATE OF DEPOSIT referenced above.

*Shirley L. Church* (Signature)  
By: Shirley L. Church, Reg. No. 31,858 (Type Name)  
Signature Date: September 30, 2003

**DIVISIONAL APPLICATION TRANSMITTAL LETTER**

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicant hereby files a [ ] continuation [X] divisional [ ] continuation-in-part application under 37 CFR § 1.53(b) of the prior complete application identified below.

**IDENTIFICATION OF PRIOR COMPLETE APPLICATION**

Title: As originally filed - METHOD AND APPARATUS FOR CHEMICAL-MECHANICAL-JET ETCHING OF SEMICONDUCTOR STRUCTURES.

Pending Application Number: 09/932,396



Filing Date: August 17, 2001

Inventor: Robert Z. Bachrach; Jeffrey D. Chinn

Enclosed is a copy of the original, first, prior complete application, including a copy of the oath or declaration showing the signature of the inventors. The enclosed papers are a true copy of the prior complete application as filed, including the specification, claims, drawings and signed oath or declaration, and any amendments referred to in the oath or declaration filed to complete the prior application.

### INVENTORS

1. ☒ The inventors of the present application are the same as in the prior complete application.
2. ☐ The inventor(s) of the present application have been changed to include the following named inventor(s): \_\_\_\_\_
  - a. ☐ It is requested that the following persons be deleted as inventor(s) in the present application: \_\_\_\_\_
  - b. ☐ The present application is a continuation-in-part of the prior complete application, and an oath or declaration as required under 37 CFR § 1.63 accompanies this paper.

### AMENDMENTS

3. ☐ Enter the amendment previously filed under 37 CFR § 1.116, but unentered, in the prior application.
4. ☒ A preliminary amendment is enclosed.
5. ☒ Amend the specification by inserting before the first line the sentence: -- This application is a divisional application of Application Serial No. 09/932,396, filed August 17, 2001, which is currently pending. -- .
6. ☒ Amend the title in the present application to the following: METHOD FOR  
CHEMICAL-MECHANICAL JET ETCHING OF SEMICONDUCTOR STRUCTURES.

### INTERNATIONAL PRIORITY

7. ☐ Priority of Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_, in \_\_\_\_\_ (country) is claimed under 35 USC § 119.

8. ☐ The certified copy of the priority application:  
☐ is enclosed;  
☐ was filed on \_\_\_\_\_ in prior Application Serial No. \_\_\_\_\_; filed on \_\_\_\_\_;  
☐ has not yet been filed.

**PRIORITY UNDER 35 USC § 120**

9. ☒ Applicants hereby claim priority under 35 USC § 120, wherein the priority application is Serial No. 09/932,396.

**ATTORNEY OR AGENT OF RECORD**

10. ☒ The power of attorney in the prior application is to: Peter J. Sgarbossa (Reg. No. 25,610); Donald Verplancken (Reg. No. 33,217); Lawrence Edelman (Reg. No. 25,225); Joseph Bach (Reg. No. 37,771); Raymond Kam-On Kwong (Reg. No. 37,165); James C. Wilson (Reg. No. 35,412); Walter Benjamin Glenn (Reg. No. 44,713); Loretta Peters (Reg. No. 43,855); Robert W. Mulcahy (Reg. No. 25,436); Shirley L. Church (Reg. No. 31,858); and Kathi Bean (Reg. No. 36,644).
- a. ☒ The power appears in the original papers in the prior application.  
b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.

11. ☒ A copy of the Declaration & Power of Attorney is enclosed.

12. ☐ An Associate Power of Attorney is enclosed.

**OTHER**

13. ☒ Also enclosed: Copy of Assignment document in parent application, with Recordation Cover Sheet.
14. ☒ Cancel in this application Claims 28 - 38 of the prior application before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)
15. ☐ Cancel in this application all claims of the prior application and substitute the claims contained in the attached Preliminary Amendment prior to calculating the filing fee.
16. ☐ Add the additional claims in the attached Preliminary Amendment prior to calculating the filing fee.

**FEES DUE**

17.

CLAIMS					
	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Basic Application Fee					\$ 750.00
Total Claims	45	MINUS 20 =	25	x \$18 =	450.00
Independent Claims	2	MINUS 3 =	0	x \$84 =	00.00
If multiple dependent claims are presented, add \$ 280.00					280.00
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$ 1,480.00</b>

18. ☐ A Petition for Extension of Time to respond to the outstanding official action in the prior application, up to and including the filing date of the present application, is enclosed, the fee for which is \$\_\_\_\_\_.

19. ☒ New drawings are enclosed (☒ formal ☐ informal)

**PAYMENT OF FEES**

a. ☐ Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ is enclosed.

b. ☒ The Commissioner is hereby authorized to charge the filing fee of \$ 1,480.00, as well as any additional fees which may be due under 37 CFR § 1.16 and § 1.17, which are required by this paper, and to credit any overpayment, to Deposit Account No. 50-1074 of Applied Materials, Inc., Santa Clara, California.

This transmittal letter is submitted in duplicate.

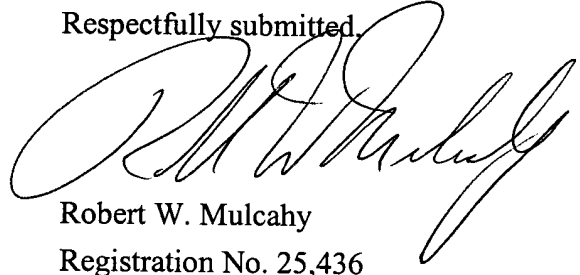
**CORRESPONDENCE ADDRESS**

Address all future communications to:

Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450 A  
Santa Clara, California 95052

U.S. Express Mail No. EU313733759US  
Docket No. AM-5609.D1

Respectfully submitted,

A large, stylized handwritten signature in black ink, appearing to read 'R. W. Mulcahy', is written over the typed name.

Robert W. Mulcahy

Registration No. 25,436